

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Applicant(s): NAKANE et al. | Atty. Dkt.: 11-203 |
| Serial No.: Unknown | Group Art Unit: |
| Filed: Concurrently herewith | Examiner: |
| Title: HIGHLY RELIABLE TORQUE SENSOR | |

Commissioner for Patents
Arlington, VA 22202

Date: November 13, 2003

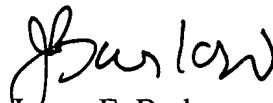
INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the reference(s) listed on the attached Form PTO-1449 is/are submitted for consideration by the Examiner without any admission that it/they constitute(s) statutory prior art, or without any admission that it/they contain(s) subject matter that anticipates the invention or renders the invention obvious to a person of ordinary skill in the art.

The Examiner is requested to initial the attached PTO Form-1449 and to return a copy of same to the undersigned attorney as proof that the listed reference(s) has/have been considered and made of record.

Respectfully submitted,



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| Form PTO-1449 PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 1 of 1 | ATTORNEY DOCKET NO. | SERIAL NO. |
| | 11-203 | |
| | APPLICANT Naoki NAKANE et al. | |
| | FILING DATE | GROUP |
| | Nov. 13, 2003 | |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|---------------------|-----------------|----------|---|-----------------|------------------------------|
| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
| | | 4,984,474 | 1/15/91 | Matsushima et al. (corres. to JP2613449) | | |
| | | 2002/0189371 A1 | 12/19/02 | Nakane et al. (corres. to JP2003-149062) | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|---------------------|-----------------------------------|---------|----------------------------|-----------------|--------------|----|
| Ref. Desig. | Examiner's Initials | Document Number | Date | Country | Class/ Subclass | Translation | |
| | | | | | | Yes | No |
| | | WO 02/071019 A1 | 9/12/02 | PCT Gandel et al. | | X | |
| | | 63-153439 | 6/25/88 | Japan Inoo | | X | |
| | | 63-158433 | 7/1/88 | Japan Inoo | | X | |
| | | 6-281513 | 10/7/94 | Japan Sonoda | | in the spec. | |
| | | 8-159887 | 6/21/96 | Japan Shinohara | | in the spec. | |
| | | JP2-93321 (Patent no. 2613449) | 4/4/90 | Japan Matsushima et al. | | | |
| | | JP6-11402 (Patent no. 3094049) | 1/21/94 | Japan Morita et al. | | | |
| | | 2003-149062 | 5/21/03 | Japan Nakane et al. | | | |

| OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) | | |
|---|---------------------|--|
| Ref. Desig. | Examiner's Initials | |
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| EXAMINER: | Date Considered: |
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.